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P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

By

Peter K. Trzyna (Reg. No. 32,801)

Date September 7, 2004

PATENT

Paper No.

File: Hbar-P2-03

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Inventor	:	Gerald Peter Jackson
Serial No.	:	10/623,754
Filed	:	July 21, 2003
For	:	PARTICLE BEAM PROCESSING SYSTEM
Group Art Unit	:	2881
Examiner	:	LEYBOURNE, James J.

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The Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

AMENDMENT AND RESPONSE

SIR:

In response to the Office Action mailed June 4, 2004, in the above-referenced patent application, please enter the following amendment and reconsider the application in view of the amendment and the remarks set forth below. It is believed that the Amendment places the case in condition for allowance and that no new matter has been added.